Index of Claims

| Application | on/Cont | rol No. |
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10/805,996

Examiner

Matthew M. Barker

Applicant(s)/Patent under Reexamination

MOLLER ET AL.

Art Unit

3662

| x  | Rejected |
|----|----------|
| 11 | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla  | aim          |              | _               |     | -            | Date         | е            |              |           |          | [   | Cla   | im       | Γ        |                         |          | 0        | ate      | :        |                   |          |   |   | CI       | aim        |                                     |          |          | (  | Date                                | 9        |          |          |          |
|--|--------------|--------------|-----------------|-----|--------------|--------------|--------------|--------------|-----------|----------|-----|-------|----------|----------|-------------------------|----------|----------|----------|----------|-------------------|----------|---|---|----------|------------|-------------------------------------|----------|----------|--|-------------------------------------|----------|----------|----------|----------|
| l  | <del>-</del> | ۱            |                 | į   |              |              |              |              |           | l        |     | _     | a        |          |                         |          |          |          | Ì        |                   |          |   |   |          | a a        |                                     |          |          |  |                                     |          |          |          |          |
| Final  | Original     | 3/3/06       |                 |     |              |              |              |              |           |          |     | Final | Original |          |                         |          |          | -        |          | İ                 |          |   |   | Final    | Original   |                                     |          | ĺ        |  |                                     |          |          |          |          |
| iI.  | ō            | હ            |                 |     |              |              |              |              |           |          |     | ίĽ    | ō        |          |                         | 1        | - 1      |          |          |                   |          |   |   | ΙŒ       | Ori        |                                     |          |          |  |                                     |          |          |          |          |
|  |              | _            | $\dashv$        |     | _            | L            | _            | L            | Ш         | _        | ļ   |       |          | ╙        | _                       | 4        | _        |          | 4        | 4                 | _        |   |   |          | L          |                                     | _        | <u> </u> | <u> </u>   | Щ                                   | Ш        |          | _        | _        |
|  | 1            | ×            | $\dashv$        |     | _            | <u> </u>     | <u> </u>     | L            | $\square$ | 4        | - } |       | 51       | $\vdash$ | $\dashv$                | 4        | -1       | -        |          |                   | $\dashv$ |   |   |          | 101        |                                     | _        | <u> </u> | <u> </u>   | <u> </u>                            | Ш        | $\dashv$ | -        | _        |
| <u> </u>   | 2            | X            | $\dashv$        |     | <u> </u>     | <u> </u>     | _            |              | Н         | $\dashv$ | - } |       | 52       | $\vdash$ | $\dashv$                | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$          |          |   |   |          | 102        | _                                   | _        | _        | <u> </u>   | _                                   | Ш        | $\dashv$ | -        | _        |
| ├  | 3            | X            | -               | _   | <u> </u>     | <u> </u>     | -            | ⊢            | Н         | $\dashv$ | - } |       | 53<br>54 | $\vdash$ | $\dashv$                | -        | $\dashv$ | -        | 4        | -+                | $\dashv$ |   |   |          | 103<br>104 |                                     |          |          | <del> </del>                                     |                                     |          | -        | -        |          |
| <u> </u>   | 5            | x            | $\dashv$        | _   | -            | -            | -            | -            | Н         | $\dashv$ | - } |       | 55       | ╁        |                         | +        | $\dashv$ | $\dashv$ | -+       | -                 | $\dashv$ | _ |   |          | 105        | -                                   | _        | ┝        | $\vdash$   | $\vdash$                            | Н        | $\dashv$ | $\dashv$ | _        |
| -  | 6            | x            | $\dashv$        |     | -            | <del> </del> |              |              | Н         | $\dashv$ | - } |       | 56       | ╁        | -                       | ┪        | ᅱ        | -        |          | $\dashv$          | $\dashv$ | _ |   |          | 106        | -                                   |          | $\vdash$ | $\vdash$   | $\vdash$                            | Н        | $\dashv$ | $\dashv$ | _        |
|  | 7            | x            | $\dashv$        | -   |              |              |              |              | Н         | $\dashv$ | 1   |       | 57       | ╁        |                         | ┪        | $\dashv$ | -        | -        | +                 | $\dashv$ | - |   | -        | 107        | -                                   |          | -        | -  | $\vdash$                            | Н        | $\dashv$ | $\dashv$ | _        |
| <u> </u>   | 8            | ×            | -               | _   | <del> </del> | $\vdash$     | -            |              | $\vdash$  | $\dashv$ | Ì   |       | 58       | $\vdash$ | $\dashv$                | ┪        | ┪        |          | $\dashv$ | $\dashv$          | $\dashv$ | _ |   |          | 108        |                                     | _        | $\vdash$ | $\vdash$   | $\vdash$                            | H        | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 9            | x            | $\Box$          |     | _            |              |              |              |           |          | Ì   |       | 59       | $\vdash$ |                         | 7        | ┪        |          | _        | 寸                 | 7        |   |   |          | 109        |                                     | _        | $\vdash$ | $\vdash$   | $\vdash$                            | Н        | $\dashv$ | 寸        | $\neg$   |
|  | 10           | х            |                 |     |              |              |              |              | П         |          | Ì   |       | 60       | $\vdash$ |                         | 寸        | 乛        |          | 7        | $\neg$            |          |   |   |          | 110        |                                     | _        | $\vdash$ | Г  |                                     | П        | ヿ        | 寸        |          |
|  | 11           | х            |                 |     |              |              |              |              |           |          |     |       | 61       |          |                         |          |          |          |          |                   |          |   |   |          | 111        |                                     |          |          |  |                                     |          |          | ╗        |          |
|  | 12           | х            |                 |     |              |              |              |              |           |          | 1   |       | 62       |          |                         |          |          |          |          |                   |          |   |   |          | 112        |                                     |          |          |  |                                     |          |          |          |          |
|  | 13           | х            |                 |     | 匚            |              |              | 匚            |           |          |     |       | 63       |          |                         | $\Box$   |          |          |          | $\Box$            |          |   |   |          | 113        |                                     |          | 匚        | 匚  |                                     |          | $\Box$   | $\Box$   |          |
|  | 14           | 0            |                 |     | <u> </u>     | _            | _            | L            | Ш         | _        | - ( |       | 64       |          |                         | $\perp$  | _        | $\Box$   | $\perp$  | _                 | _        |   |   |          | 114        | $\Box$                              | L        | $\Box$   |  | $oxed{oxed}$                        | Ш        | $\Box$   | $\Box$   |          |
| ļ  | 15           | 0            | $\sqcup$        |     | <u> </u>     | <u> </u>     | <u> </u>     | <u> </u>     | $\sqcup$  | _        |     |       | 65       | $\perp$  | $  \bot  $              | _        | _        | _        | _        | _                 | _        |   |   | <u> </u> | 115        | Ш                                   |          | _        | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш        | _        | _ļ       |          |
|  | 16           | 0            | $\Box$          |     | _            | L            | <u> </u>     | oxdot        | Ш         | _        | ļ   |       | 66       |          | $\sqcup$                | _        | _        | _        | $\dashv$ | $\dashv$          | 4        |   |   |          | 116        | _                                   | _        | <u> </u> | _  |                                     | Щ        |          |          | _        |
| ļ  | 17           | 0            | $\mid - \mid$   | -   | _            | <u> </u>     | -            | <u> </u>     | -         |          | }   |       | 67       | -        | $\mid \rightarrow \mid$ |          | -        | -1       | -        | $\dashv$          | _        | _ |   | <u> </u> | 117        |                                     | -        | <u> </u> | ļ  |                                     | $\vdash$ | _        | 4        | 4        |
|  | 18           | 0            |                 |     | _            | _            | <u> </u>     | ⊢            | $\vdash$  |          | ŀ   |       | 68<br>69 | 1        | $\dashv$                |          | -        | _        | -        | +                 | 4        |   |   | <u> </u> | 118        | H                                   |          | <u> </u> | _  |                                     | Н        | _        | -        | _        |
|  | 19           | 0            | $\dashv$        |     |              | ⊢            | ┝            | ⊢            | Н         |          | ł   |       | 70       |          | $\dashv$                | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$          | 4        |   |   |          | 119<br>120 |                                     | _        |          |  | -                                   | Н        | -        | -        | -        |
|  | 21           | x            | $\dashv$        |     |              | ┢            | -            | ┢            | Н         |          | - } |       | 71       | $\vdash$ | H                       | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$          | -        |   |   | -        | 121        | H                                   |          | -        | -  | -                                   | H        |          |          |          |
|  | 22           | X            | -               |     | -            | ┢            | ┝            | ┢            | Н         |          | ł   |       | 72       | +        | $\dashv$                | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +                 | -        |   |   |          | 122        | H                                   |          | $\vdash$ | ┢  | H                                   | H        |          | -        |          |
|  | 23           | x            | $\dashv$        |     |              | $\vdash$     | $\vdash$     | ┢            | Н         | _        | ł   |       | 73       | $\vdash$ | $\dashv$                | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +                 | $\dashv$ |   |   |          | 123        | Н                                   |          | -        | $\vdash$   | -                                   | Н        |          | _        | -        |
|  | 24           | x            | $\dashv$        | -   | -            | ┢            | <del> </del> | <del> </del> | Н         |          | Ì   |       | 74       | $\vdash$ | 1                       | -t       | ᅱ        | $\dashv$ | ᅥ        | +                 | ᅥ        |   |   | -        | 124        |                                     | -        | $\vdash$ | $\vdash$   | H                                   | Н        | $\dashv$ | _        | _        |
|  | 25           | x            | $\neg$          |     | _            | 1            | 1            | _            | П         |          | ı   |       | 75       | $\vdash$ | $\dashv$                | $\dashv$ | 7        | $\neg$   | _        | _                 |          |   |   |          | 125        | -                                   | -        |          |  | <del> </del>                        |          |          | _        |          |
|  | 26           | x            | $\neg$          | _   |              | $\vdash$     |              | Г            |           |          | ı   |       | 76       | $\vdash$ | $\Box$                  | 寸        | $\neg$   |          | $\neg$   | 寸                 |          |   |   |          | 126        |                                     |          |          | Г  |                                     |          |          | T        |          |
|  | 27           | Π            |                 |     |              | Г            |              |              |           |          | ı   |       | 77       | Т        |                         | $\neg$   |          |          | $\neg$   |                   |          |   |   |          | 127        |                                     |          |          |  |                                     |          |          |          |          |
|  | 28           |              |                 |     |              |              |              |              |           |          |     |       | 78       |          |                         |          |          |          |          |                   |          |   |   |          | 128        |                                     |          |          |  |                                     |          |          |          |          |
|  | 29           | L            |                 |     |              |              |              |              |           |          |     |       | 79       |          |                         |          |          |          |          |                   |          |   |   |          | 129        |                                     |          |          |  |                                     |          |          |          |          |
|  | 30           | L            |                 |     |              |              |              | L            |           |          |     |       | 80       |          |                         |          |          |          |          |                   |          |   |   |          | 130        |                                     |          |          |  |                                     |          |          |          |          |
|  | 31           | L            |                 |     |              | _            | _            | <u> </u>     | Ш         |          | ļ   |       | 81       | <u> </u> |                         | $\dashv$ | _        | $\Box$   | _        |                   | _        |   |   | <u> </u> | 131        |                                     |          |          | _  |                                     |          |          |          |          |
| L  | 32           | oxdot        | Ш               |     | <u> </u>     | <u> </u>     | <u> </u>     | <u> </u>     | Ш         | _        | ļ   |       | 82       | <b> </b> | $\square$               | _        | _        | $\sqcup$ | _        | -                 | _        |   |   |          | 132        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L        | <u>L</u> | <u> </u>   |                                     | <u> </u> |          | _        | _        |
| <u> </u>   | 33           | ⊢            | $\vdash \dashv$ |     | <u> </u>     | <b> </b>     |              | ــــ         | $\sqcup$  | <u> </u> | ļ   |       | 83       | -        |                         | _        | _        |          |          |                   | _        |   |   |          | 133        |                                     | <u> </u> | <u> </u> | <b>!</b>   | -                                   | <u> </u> | _        | _        | _        |
| <u> </u>   | 34           | ⊢-           | $\vdash \vdash$ | _   | ⊢            | <u> </u>     | -            | <u> </u>     | $\vdash$  |          | ļ   |       | 84       |          | Н                       | -        | -        |          | -        | -                 | _        |   |   | -        | 134        | H                                   | _        | <u> </u> | $\vdash$   | ⊢                                   | $\vdash$ | -        | -        | _        |
| <u> </u>   | 35<br>36     | $\vdash$     | $\vdash$        | _   | ├-           | ├-           | ├            | $\vdash$     | Н         |          | }   |       | 85       | $\vdash$ | $\vdash \vdash$         | -        | -        |          | $\dashv$ | $\dashv$          |          |   |   | -        | 135<br>136 | <del> </del>                        | <u> </u> | ├—       | ├  | $\vdash$                            | -        | -        | 4        | _        |
|  | 36           |              | $\vdash$        | _   | -            | <del> </del> | <del> </del> | $\vdash$     | $\vdash$  | 一        |     |       | 86<br>87 | $\vdash$ | $\dashv$                | $\dashv$ | -        | -        | -        | $\dashv$          | $\dashv$ |   |   | $\vdash$ | 136        | $\vdash$                            | _        | $\vdash$ | $\vdash$   | $\vdash$                            | $\vdash$ | $\dashv$ | $\dashv$ | _        |
| <del> </del>                                     | 38           | $\vdash$     | $\vdash$        |     | -            | $\vdash$     | $\vdash$     | +-           | $\vdash$  | ᅱ        |     |       | 88       | +-       | $\vdash$                | $\dashv$ | -        | $\dashv$ | -        | $\dashv$          | $\dashv$ |   |   | -        | 138        | $\vdash$                            | -        | -        | $\vdash$   | -                                   | $\vdash$ | -        | $\dashv$ | _        |
| <del>                                     </del> | 39           | $\vdash$     | $\vdash$        |     |              |              | $\vdash$     | $\vdash$     | $\vdash$  | 一        | 1   |       | 89       | +        | $\vdash$                | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$          | $\dashv$ |   |   | -        | 139        | $\vdash$                            | _        | $\vdash$ | $\vdash$   | $\vdash$                            | $\vdash$ |          | $\dashv$ | _        |
|  | 40           | <del> </del> | $\vdash$        |     | _            | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$  | 一        | }   |       | 90       | +-       | $\vdash \vdash$         | $\dashv$ | -        |          | -+       | 十                 | ㅓ        | _ |   |          | 140        | ┢                                   |          | ⊢        | <del>                                     </del> | Ι-                                  |          |          | +        | _        |
|  | 41           | 一            | $\vdash$        | _   |              | $t^-$        | $\vdash$     | T            | Н         | 一        |     |       | 91       | $t^{-}$  | $\vdash$                | -        | $\dashv$ |          | $\dashv$ | $\dashv$          | $\dashv$ |   |   |          | 141        | $\vdash$                            |          |          | ╁  | 一                                   |          |          | $\dashv$ | _        |
|  | 42           | T            | $\vdash$        |     |              | $\vdash$     |              | $\vdash$     | П         | 一        |     |       | 92       | 1        |                         | 7        |          |          |          | 7                 | $\neg$   |   |   |          | 142        | $\vdash$                            |          | $\vdash$ | 1  | 1                                   |          |          | ᅥ        |          |
|  | 43           | Г            | $\Box$          |     |              | $\vdash$     |              |              |           | $\neg$   |     |       | 93       |          | $\Box$                  | 7        |          |          |          | 寸                 |          |   |   |          | 143        |                                     |          | Γ        | $\vdash$   | Г                                   | П        | $\neg$   |          |          |
|  | 44           | Г            |                 |     |              |              |              |              |           | 一        |     |       | 94       | 1        |                         |          |          |          |          |                   |          |   |   |          | 144        |                                     | _        |          |  |                                     |          |          | $\neg$   |          |
|  | 45           |              | 12.1            | 1.8 |              |              |              |              | - 1       |          | à h | 700   | 95       |          |                         |          |          |          | 17.1     |                   |          |   |   |          | 145        |                                     |          |          |  |                                     |          |          |          |          |
|  | 46           | 匚            |                 |     |              |              | 匚            |              |           |          |     |       | 96       |          |                         |          |          |          |          |                   |          |   |   |          | 146        |                                     |          |          |  |                                     |          |          | $\Box$   |          |
|  | 47           | L            |                 |     |              |              |              |              | $\Box$    |          |     |       | 97       | $\Box$   |                         |          |          |          | $\Box$   |                   |          |   |   |          | 147        |                                     |          |          |  | 匚                                   |          | $\Box$   | $\Box$   |          |
|  | 48           | L            | Ш               |     |              |              |              |              |           |          |     |       | 98       |          | Ш                       | $\bot$   |          | $\Box$   |          | $oldsymbol{\bot}$ |          |   |   |          | 148        |                                     |          |          |  | L                                   |          | $\sqcup$ | _[       |          |
|  | 49           | <u>L</u>     | $\sqcup$        |     | L            | L            | _            |              | Ш         |          |     |       | 99       | $\perp$  | $\sqcup$                | _        | _        |          | _        |                   |          |   |   |          | 149        | <u> </u>                            | L        | <u> </u> | _  | _                                   | $\Box$   | $\sqcup$ | _        |          |
| L  | 50           | L            | LL              |     | L            | L            | <u> </u>     |              | <u>.</u>  |          | Į   |       | 100      | L        | Ш                       |          |          |          |          | $\perp$           |          |   | l |          | 150        | L                                   | L        | <u> </u> | <u> </u>   | L_                                  |          |          |          |          |